

Substance Details Report

January 9, 2017

Core Metadata

Substance Type	Chemical Substance
EPA Registry Name	Methyl isopropyl ketone
EPA Registry Name List	Chemical Identification
Systematic Name	2-Butanone, 3-methyl-
Systematic Name List	Chemical Abstracts Index Name
Preferred Acronym	
CAS Number	563-80-4
EPA Identification Number	
TSN Number	
Kingdom	
ICTVDB	
Molecular Formula	C5H10O
Molecular Weight	86.13
Comment/Description	

Internal Tracking Number	54767
Substance Status	Approved

Definition

Classifications

Associated Identifiers

Former CAS Numbers

52325-52-7

Structure

Notation

O=C(C(C)C)C

Notation Type

SMILES

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Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
2016 CDR TSCA Inv	Methyl isopropyl ketone	Valid		
TSCA Inv	2-Butanone, 3-methyl-	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
2012 CDR	2-Butanone, 3-methyl-	Valid		
CAMEO Chemicals	3-Methylbutan-2-one	Valid		
CERCLIS3	Methyl isopropyl ketone	Valid		
ECOTOX	3-Methyl-2-butanone	Valid		
ERNS	3-Methylbutan-2-one	Valid		
GCES	2-Butanone, 3-methyl-	Valid		
HPVC List	2-Butanone, 3-methyl-	Valid		
HPVIS	2-Butanone, 3-methyl-	Valid		
ICIS-Air	Methyl isopropyl ketone	Valid		
OPPIN	3-Methyl-2-butanone	Valid		
STORET	Methyl isopropyl ketone	Valid		
TSCATS	Methyl isopropyl ketone	Valid	09/21/2011	
WQX	Methyl isopropyl ketone	Valid		

Other Sources

Other Sources	Synonym	Synonym Quality	Effective Date	End Date
ATSDR	2-Butanone, 3-methyl-	Valid		
CA Index	2-Butanone, 3-methyl-	Valid		
CUS02	2-Butanone, 3-methyl-	Valid		
CUS90	2-Butanone, 3-methyl-	Valid		
CUS94	2-Butanone, 3-methyl-	Valid		
CUS98	2-Butanone, 3-methyl-	Valid		

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Other Sources	Synonym	Synonym Quality	Effective Date	End Date
ChemIDStd	Methyl isopropyl ketone	Valid		
FDA	METHYL ISOPROPYL KETONE	Unknown		
Merck(12)	Methyl isopropyl ketone	Valid		

Ad Hoc List

There are no Synonyms of this type.

EPA Synonyms

There are no Synonyms of this type.

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Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Volatile organic compounds	VOCs			E761346		

Related References

http://www.osha.gov/dts/chemicalsampling/data/CH_254220.html

<http://www.cdc.gov/niosh/ipcsneng/neng0922.html>

<http://nj.gov/health/eoh/rtkweb/documents/fs/1271.pdf>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=563-80-4&result=advanced>

<http://fdasis.nlm.nih.gov/srs/srsdirect.jsp?regno=V8DP6THY5O>

<http://chem.sis.nlm.nih.gov/chemidplus/direct.jsp?regno=0000563804>